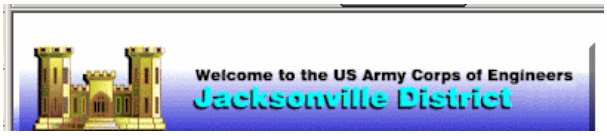

Identification_Information: Citation: Citation_Information:
Originator: U.S. Army Corps of Engineers, Jacksonville District(comp.)
Publication_Date: 20070123
Publication_Time: Unknown
Title: Tampa Hbr, Port Tampa Channels, Cuts-G, J1, J2, & K 34-Foot Project FY06
Edition: 06-102 FY06 Project Condition Survey
Geospatial_Data_Presentation_Form: map
Publication_Information:
Publication_Place: U.S Army Corps of Enginners Jacksonville District
Publisher: U.S. Army Corps of Engineers, Jacksonville District, Construction-Operations
Description:
Abstract:
Elevations are in Feet and Tenths and refer to Mean Lower Low Water (MLLW) which is 0.81 feet below NGVD 1929 from Cut-G thru Cut-K. All elevations are below the reference plane unless preceded by a (+) sign. Tidal reductions were made from multiple tide staffs. Refer to tide staff and benchmark tabulation table for staff locations benchmark elevations. Plane coordinates are based on the Transverse Mercator Projection for the West Zone of Florida and referenced to NAD 1983 (NAD83). All azimuths are grid reckoned clockwise from South. All stationing refers to the Centerline of the Channel. Survey was performed using Differential GPS for positioning and utilizing the USCG Navbeacon System as the reference site. Vertical measurements were made using a Ross Smart Sounder Depth Recorder with a 28khz (Low Frequency) Transducer for Cut-G and a Reson Multi-Beam Echo Sounder with a 200KHS (High Frequency) Hull-Mounted Transducer for Cuts J1, J2 and K. Vessel Florida, Date of Survey 24-27 May 2006, Cuts J1, J2, and K, Vessel WB-34 Date of Survey 25 May 2006 Cut G. Aids to Navigation were located during this survey and were also from survey 04-001. Survey accuracy performance standards, quality control and quality assurance requirements were followed during this survey in accordance with USACE EM 1110-2-1003, Hydrographic Surveying, 1 Jan 02.
Purpose: Project Condition Survey Fy06

Supplemental_Information: This data set consists of 16 sheets at a scale of 1" = 100'.
Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 20060524
Ending_Date: 20060527
Currentness_Reference: Ground Condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As needed
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -082.555006
East_Bounding_Coordinate: -082.522475
North_Bounding_Coordinate: +27.864807
South_Bounding_Coordinate: +27.777738
Keywords:
Theme:
Theme_Keyword_Thesaurus: Tri - Service Spatial Data Standard
Theme_Keyword: Hydrography
Place:
Place_Keyword_Thesaurus: Geographic Names Information System
Place_Keyword: Florida
Place_Keyword: Hillsborough County
Place_Keyword: Tampa Bay
Place_Keyword: Tampa Harbor
Access_Constraints: None
Use_Constraints:
The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineer Jacksonville District, Construction-Operation Division
Contact_Person: Brain K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing address

Address:
U. S. Army Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA
Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3696
Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Data_Set_Credit:
U.S. Army Corps of Engineers, Jacksonville District,
Construction-Operation Division, Operation Branch,
Hydrographic Survey Section
Security_Information:
Security_Handling_Description: n/a
Security_Classification: Other
Security_Classification_System: n/a
Native_Data_Set_Environment:
Data collection and editing using Coastal Oceanagraphics
Hypack Software and Mapped using Bently Microstation.
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Point
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: State Plane Coordinate
System 1983
State_Plane_Coordinate_System:
SPCS_Zone_Identifier: 0902
Transverse_Mercator:
Scale_Factor_at_Central_Meridian:
0.9999411765
Longitude_of_Central_Meridian: -
082.000000
Latitude_of_Projection_Origin: +24.200000
False_Easting: 656166.67
False_Northing: 0 M
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.01

Ordinate_Resolution: 0.01
Planar_Distance_Units: Survey Feet
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137 m
Denominator_of_Flattening_Ratio: 298.25722
Vertical_Coordinate_System_Definition:
Altitude_System_Definition:
Altitude_Datum_Name: National Geodetic Vertical Datum of 1929
Altitude_Resolution: 0.0
Altitude_Distance_Units: Feet
Altitude_Encoding_Method: Explicit elevation coordinate included with horizontal coordinates
Depth_System_Definition:
Depth_Datum_Name: NGVD 1929 with Mean Lower Low Water Datum (-0.81') applied
Depth_Resolution: 0.1
Depth_Distance_Units: Feet
Depth_Encoding_Method: Explicit depth coordinate included with horizontal coordinates
Distribution_Information:
Distributor:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineers Jacksonville District, Construction-Operation Division
Contact_Person: Brian K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing and physical address
Address:
U.S. Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA
Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3696
Contact_Electronic_Mail_Address: brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Contact_Instructions: n/a
Resource_Description: Survey 06-102

Distribution_Liability:
The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: DGN
File_Decompression_Technique: No compression applied
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
Access_Instructions:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
Fees: N/A
Metadata_Reference_Information:
Metadata_Date: 20070123
Metadata_Review_Date: 20070123
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineer Jacksonville District, Construction-Operation Division
Contact_Person: Brian K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing address
Address:
U.S. Army Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA
Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3696
Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil

Hours_of_Service: Any Time
Contact_Instructions: n/a

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: Local time

Metadata_Access_Constraints: None

Metadata_Use_Constraints:

The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.

Metadata_Security_Information:

Metadata_Security_Handling_Description: n/a

Metadata_Security_Classification: Unclassified

Metadata_Security_Classification_System: n/a